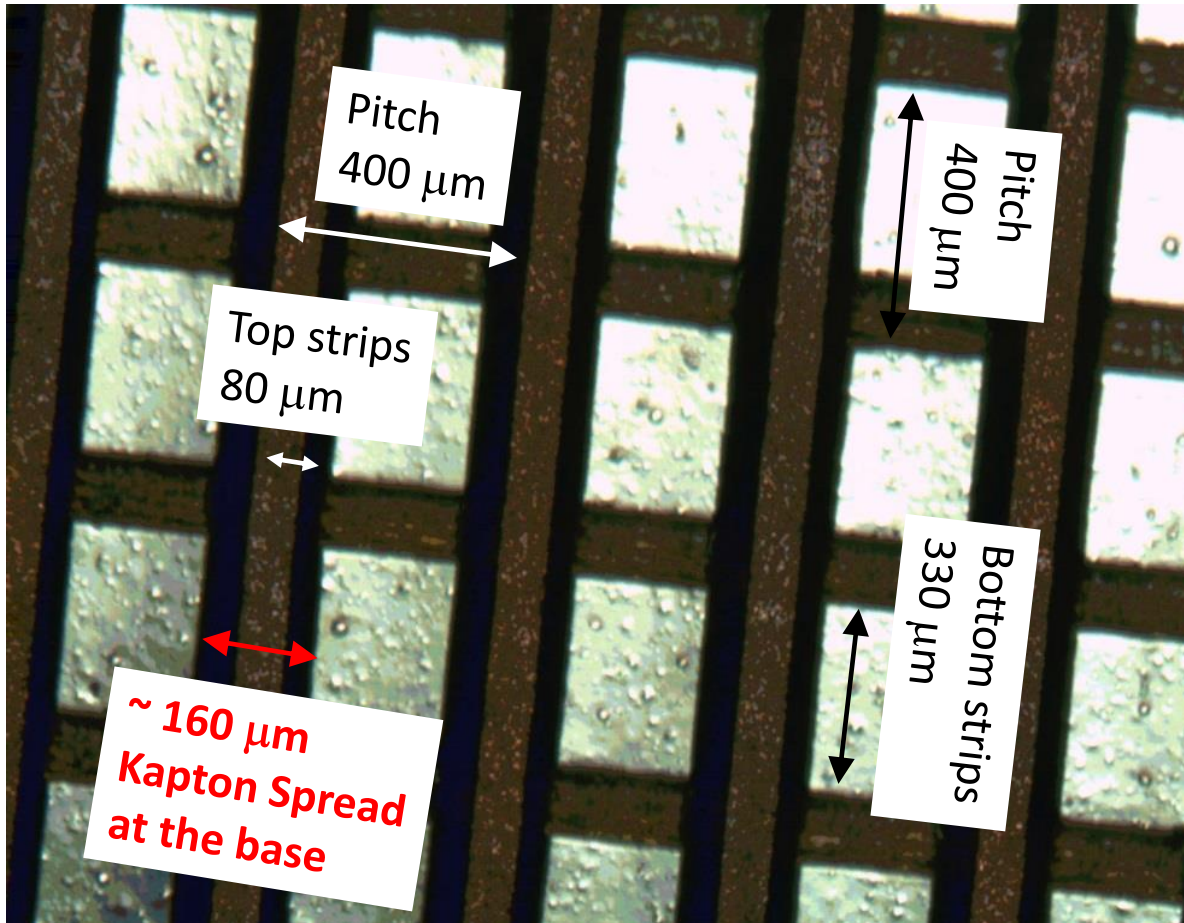


# Optical inspection of the new SBS GEMs readout boards

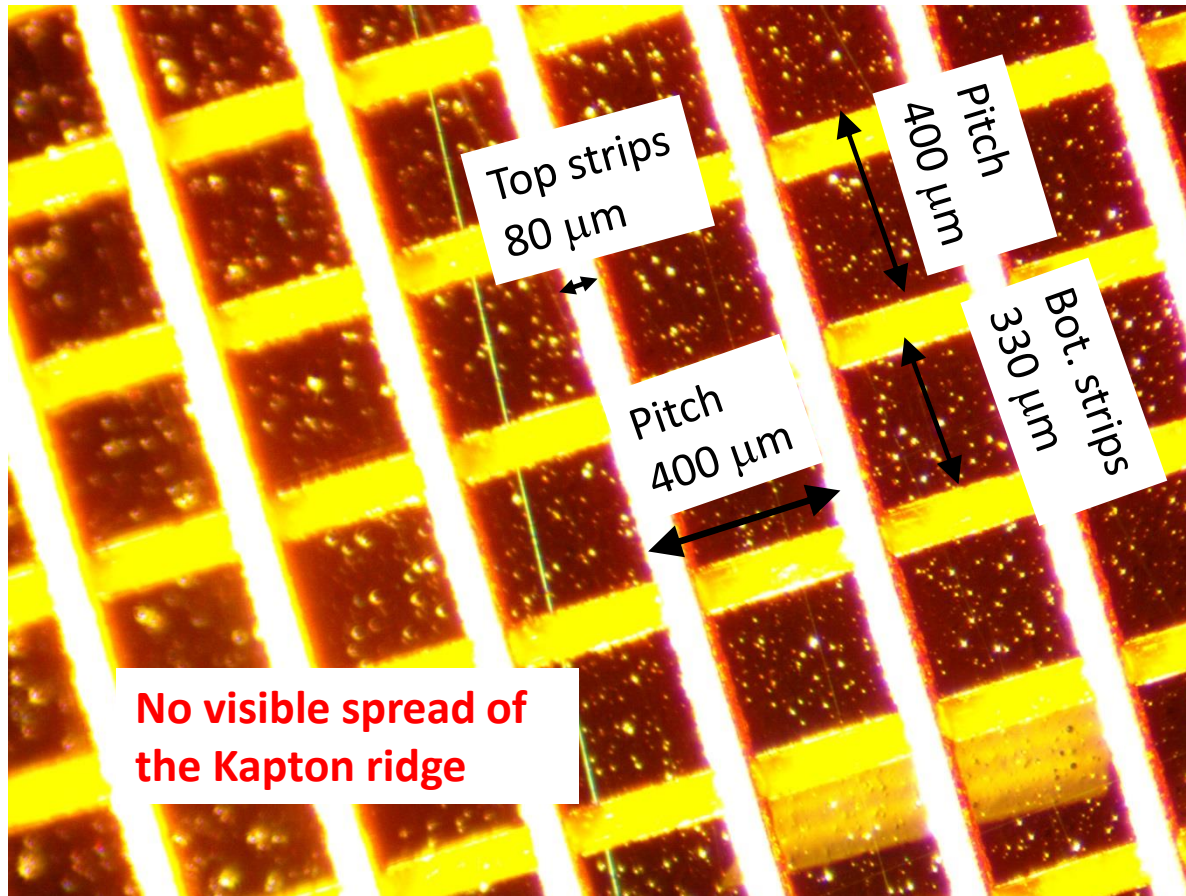
Kondo Gnanvo

# Previous SBS readout board



Microscope view of the pre-R&D SBS readout board (batches: before February 2014) showing extra Kapton extending out from under the readout strips. This defect is believed to have caused the uneven charge sharing observed in the pre R&D chambers

# Current readout board



- Microscope view of the production SBS readout board (first production bath April 2014) showing no Kapton extending out from under the readout strips
- Inspection of 3 readout boards

# Current readout board: broken strips

- Small number of broken strips during production;
- in general Rui's procedure is to fix it is to apply a conducting paste by hand (see picture)
  - We feel that it is better not to do this, So we ask Rui not to fix the broken strips

